

4.2.C. 0602000205.

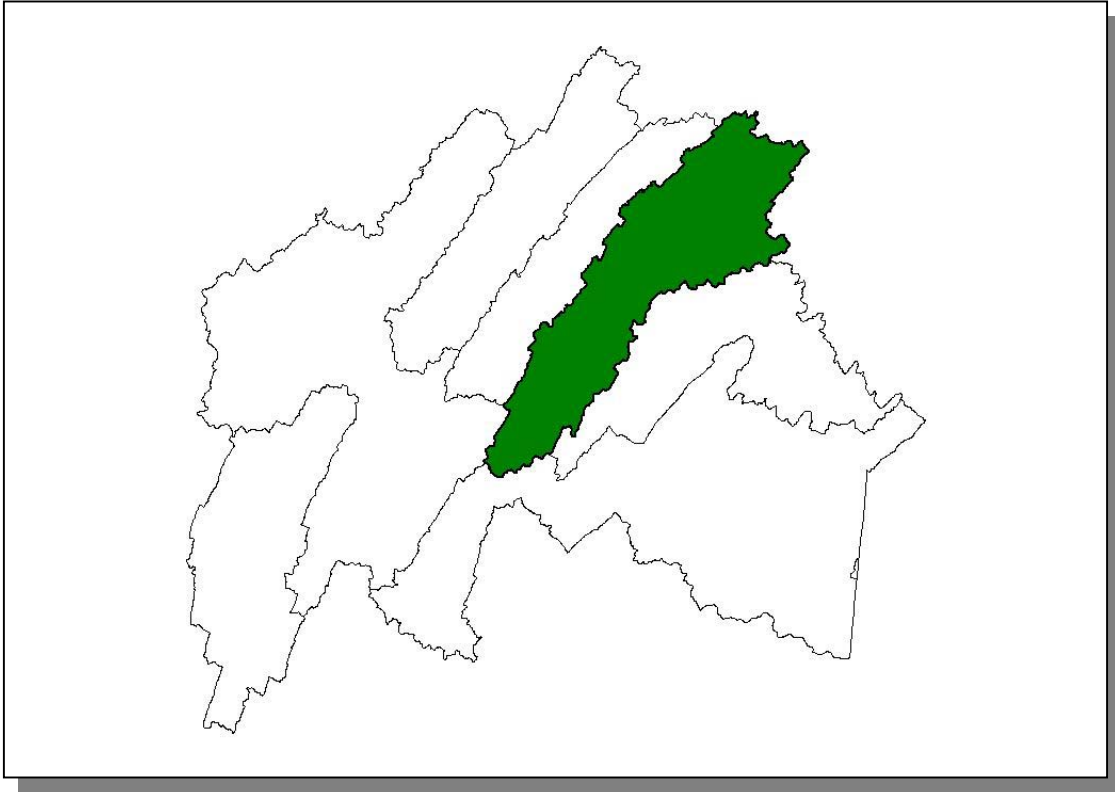


Figure 4-23. Location of Subwatershed 0602000205. All Hiwassee HUC-10 subwatershed boundaries are shown for reference.

4.2.C.i. General Description.

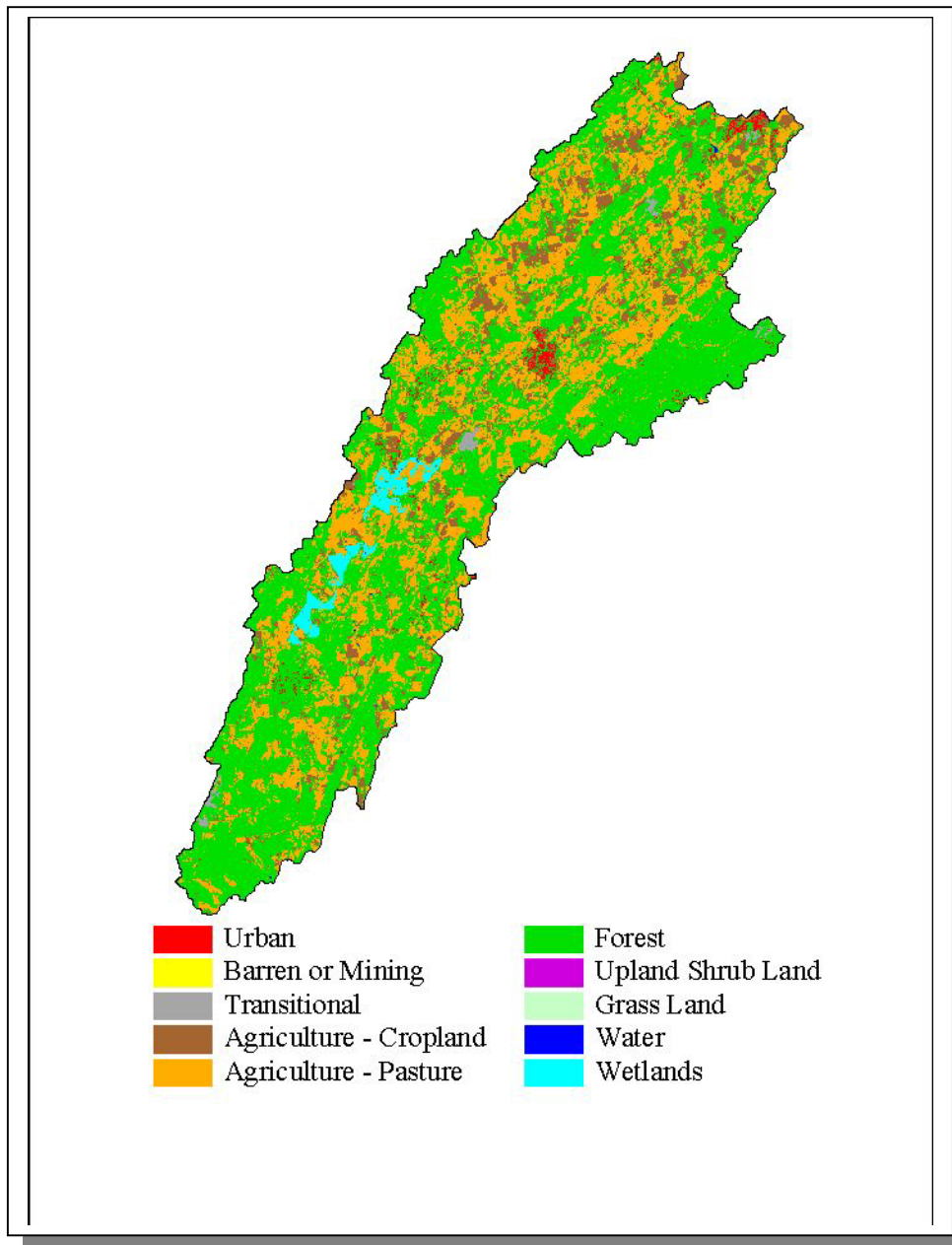


Figure 4-24. Illustration of Land Use Distribution in Subwatershed 0602000205.

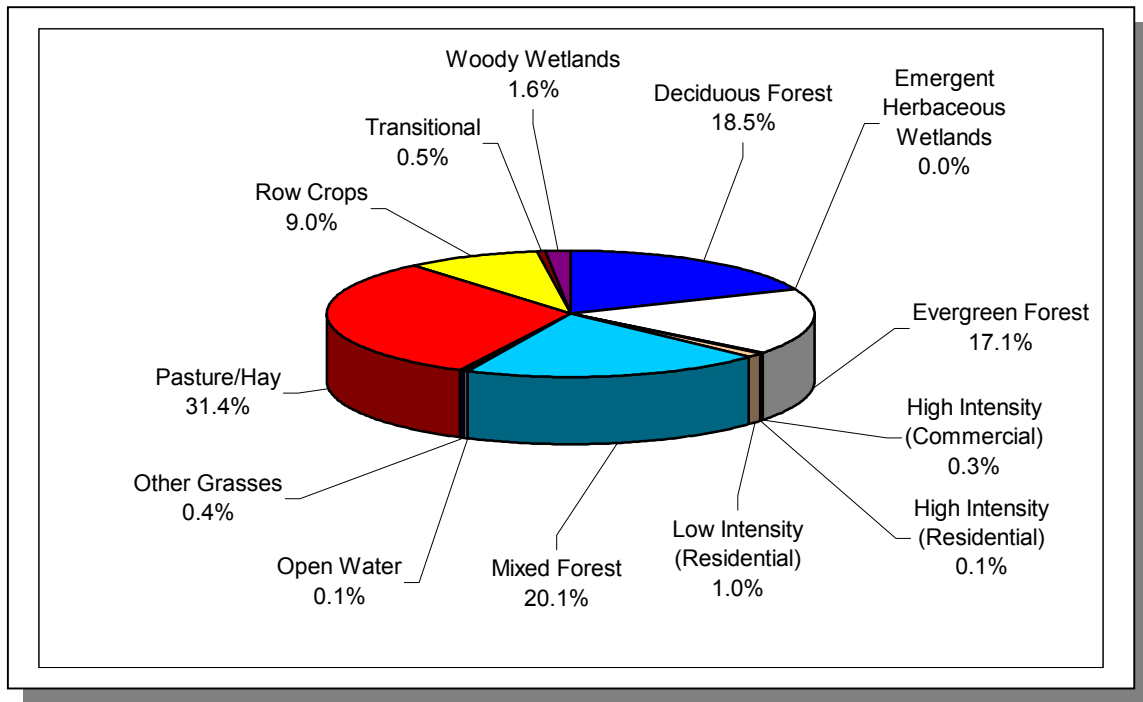


Figure 4-25. Land Use Distribution in Subwatershed 0602000205. More information is provided in Hiwassee-Appendix IV.

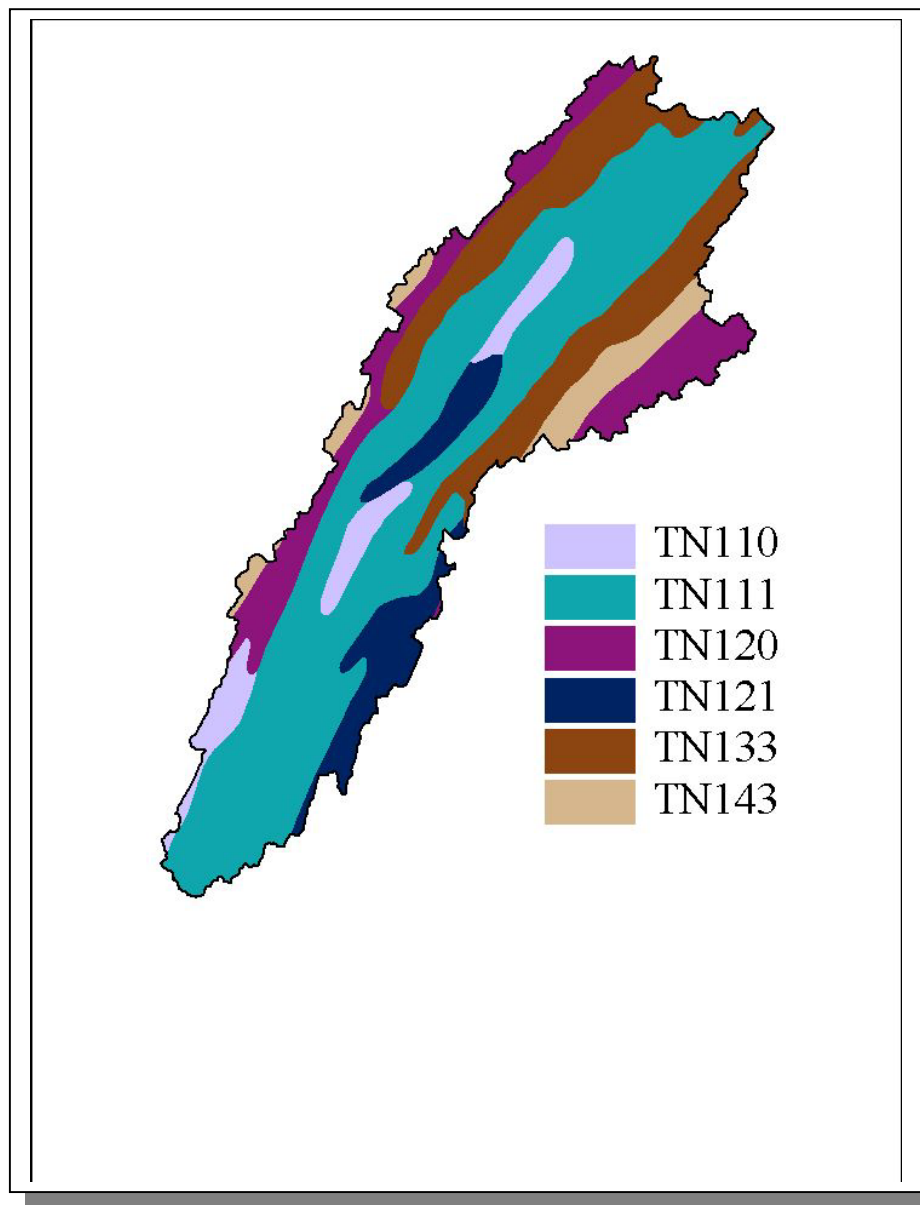


Figure 4-26. STATSGO (State Soil Geographic Database) Soil Map Units in Subwatershed 0602000205.

STATSGO MAP UNIT ID	PERCENT HYDRIC	HYDROLOGIC GROUP	PERMEABILITY (in/hour)	SOIL pH	ESTIMATED SOIL TEXTURE	SOIL ERODIBILITY
TN110	0.00	B	2.22	4.96	Loam	0.31
TN111	0.00	C	1.41	5.10	Loam	0.34
TN120	0.00	B	1.68	5.11	Loam	0.27
TN121	0.00	B	1.30	5.21	Loam	0.33
TN133	0.00	C	1.35	6.04	Clayey Loam	0.27
TN143	0.00	C	1.22	6.44	Loam	0.32

Table 4-16. Soil Characteristics by STATSGO (State Soil Geographic Database) Soil Map Units in Subwatershed 0602000205. More information is provided in Hiwassee-Appendix IV.

County	COUNTY POPULATION		Portion of Watershed (%)	ESTIMATED POPULATION IN WATERSHED		% CHANGE
	1990	1997 Est.		1990	1997	
Bradley	73,712	80,800	0.01	5	6	20.0
McMinn	42,383	46,000	21.55	9,131	9,911	8.5
Monroe	30,541	33,953	4.76	1,454	1,616	11.1
Polk	13,643	14,666	2.03	277	298	7.6
Total	160, 279	175,419		10,867	11,831	8.9

Table 4-17. Population Estimates in Subwatershed 0602000205.

Populated Place	County	Population	NUMBER OF HOUSING UNITS			
			Total	Public Sewer	Septic Tank	Other
Madisonville	Monroe	3,137	1,360	893	467	0
Etowah	McMinn	3,815	1,737	1,606	131	0
Totals		6,952	3,097	2,499	598	0

Table 4-18. Housing and Sewage Disposal Practices of Select Communities in Subwatershed 0602000205.

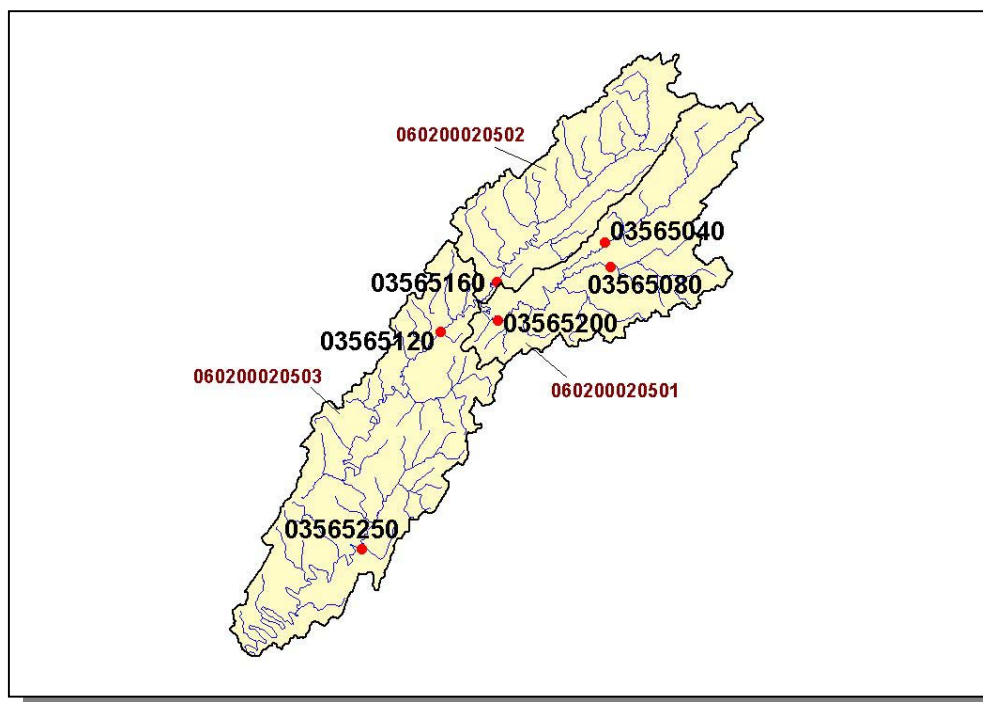


Figure 4-27. Location of Historical Streamflow Data Collection Sites in Subwatershed 0602000205. Subwatershed 060200020501, 060200020502 and 060200020503 boundaries are shown for reference. More information is provided in Hiwassee-Appendix IV.

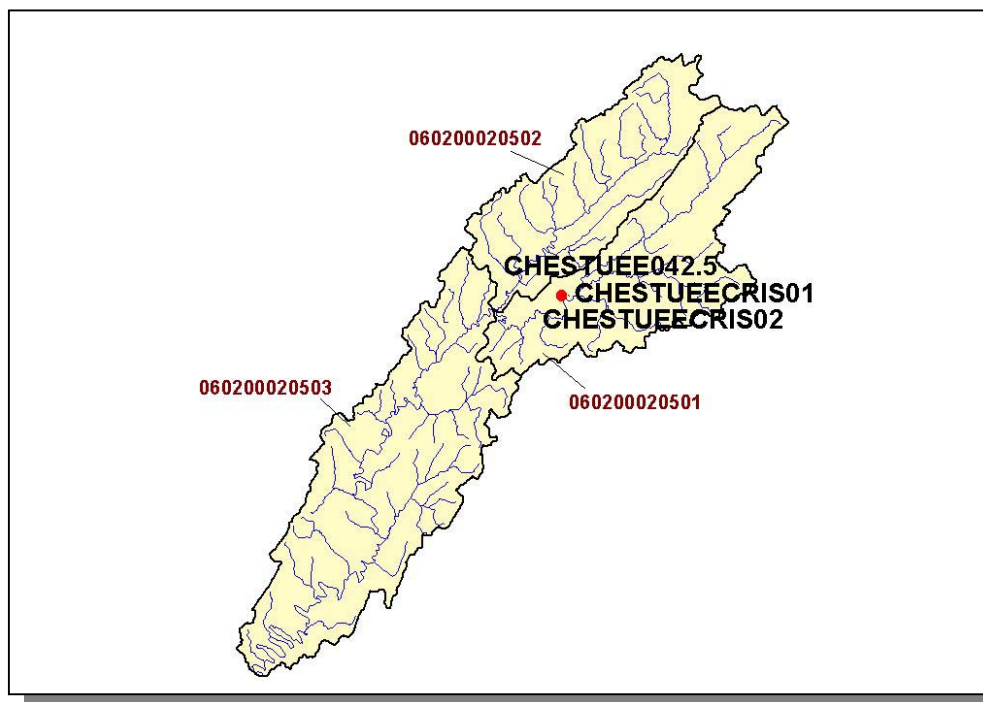


Figure 4-28. Location of Storet Monitoring Sites in Subwatershed 0602000205. Subwatershed 060200020501, 060200020502 and 060200020503 boundaries are shown for reference. More information is provided in Hiwassee-Appendix IV.

4.2.C.ii. Point Source Contributions.

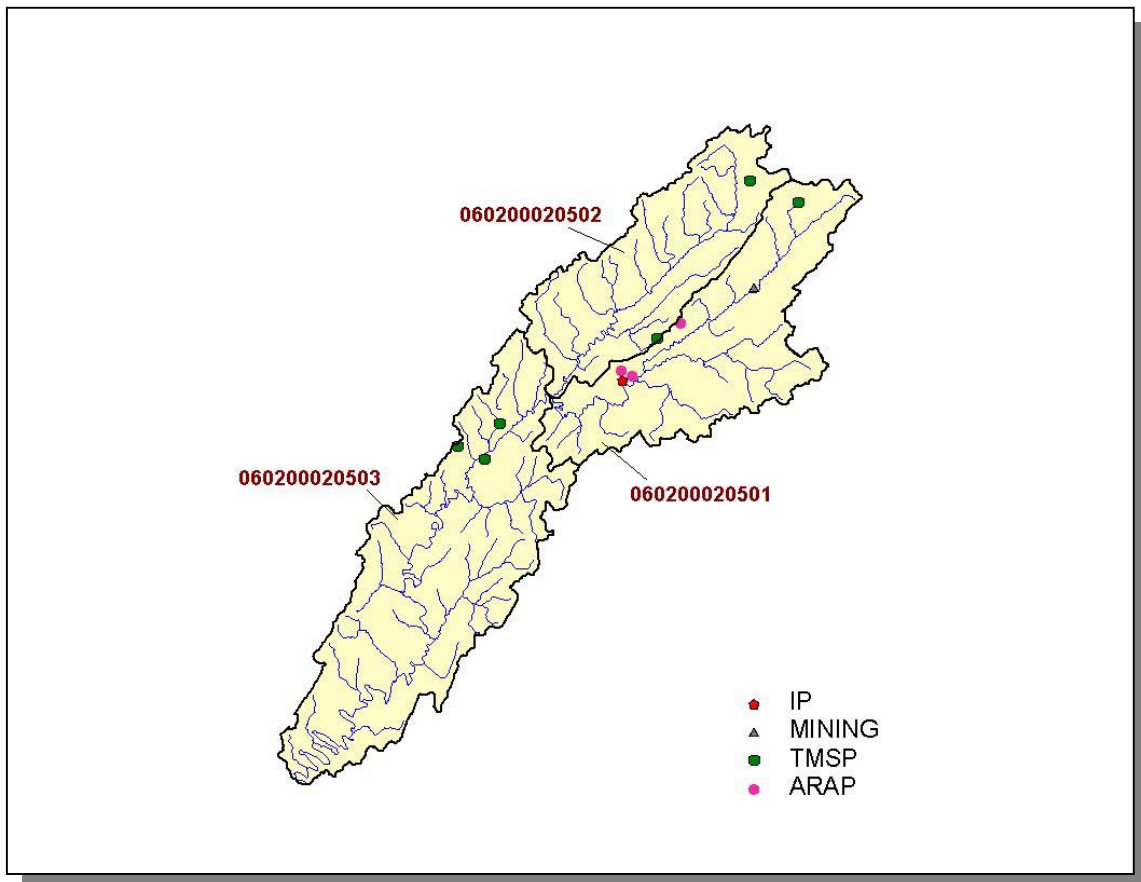


Figure 4-29. Location of Active Point Source Facilities in Subwatershed 0602000205. Subwatershed 060200020501, 060200020502, and 060200020503 boundaries are shown for reference. More information is provided in the following figures.



Figure 4-30. Location of Active Point Source Facilities (Individual Permits) in Subwatershed 0602000205. Subwatershed 060200020501, 060200020502, and 060200020503 boundaries are shown for reference. More information, including the names of facilities, is provided in Hiwassee-Appendix IV.



Figure 4-31. Location of Active Mining Sites in Subwatershed 0602000205. Subwatershed 060200020501, 060200020502, and 060200020503 boundaries are shown for reference. More information, including the names of facilities, is provided in Hiwassee-Appendix IV.

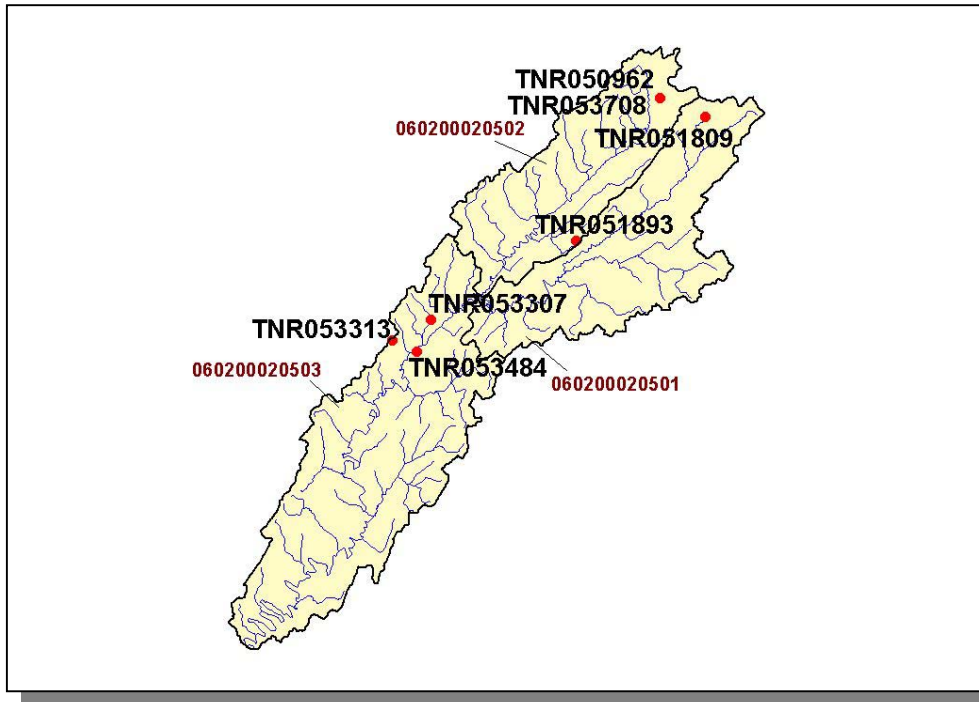


Figure 4-32. Location of TMSP Facilities in Subwatershed 0602000205. Subwatershed 060200020501, 060200020502, and 060200020503 boundaries are shown for reference. More information, including the names of facilities, is provided in Hiwassee-Appendix IV.

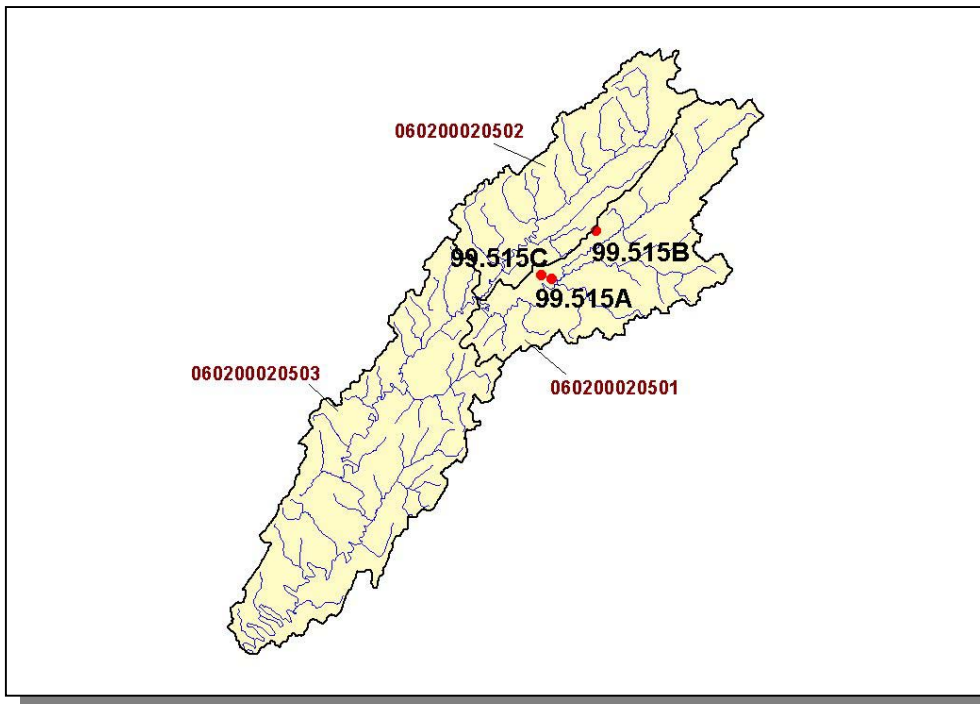


Figure 4-33. Location of ARAP Sites (Individual Permits) in Subwatershed 0602000205. Subwatershed 060200020501, 060200020502, and 060200020503 boundaries are shown for reference. More information, including the names of facilities, is provided in Hiwassee-Appendix IV.

4.2.C.iii. Nonpoint Source Contributions.

LIVESTOCK (COUNTS)						
Beef Cow	Cattle	Milk Cow	Chickens	Chickens Sold	Hogs	Sheep
6,081	16,043	2,690	17	1,861,245	144	19

Table 4-19. Summary of Livestock Count Estimates in Subwatershed 0602000205.
According to the 1997 Census of Agriculture (<http://www.nass.usda.gov/census/>), "Cattle" includes heifers, heifer calves, steers, bulls and bull calves; "Chickens" are layers 20 weeks and older; "Chickens Sold" are all chickens used to produce meat.

County	INVENTORY		REMOVAL RATE	
	Forest Land (thousand acres)	Timber Land (thousand acres)	Growing Stock (million cubic feet)	Sawtimber (million board feet)
Bradley	92.5	92.5	8.2	18.1
Monroe	301.5	279.1	7.4	21.4
Polk	224.7	214.1	6.2	21.1
Totals	618.7	585.7	21.8	60.6

Table 4-20. Forest Acreage and Average Annual Removal Rates (1987-1994) in Subwatershed 0602000205.

CROPS	TONS/ACRE/YEAR
Soybeans (Row Crops)	10.50
Nonagricultural Land Use	0.00
Legume (Hayland)	0.36
Grass (Pastureland)	0.47
Grass, Forbs, Legumes (Mixed Pasture)	0.65
Forest Land (Grazed)	0.00
Forest Land (Not Grazed)	0.00
Farmsteads and Ranch Headquarters	0.85
Corn (Row Crops)	14.79
Legume Grass (Hayland)	0.48
Tobacco (Row Crops)	5.65
Wheat (Close Grown Cropland)	6.20
Conservation Reserve Program Land	0.27

Table 4-21. Annual Estimated Total Soil Loss in Subwatershed 0602000205.